

FIG. 2

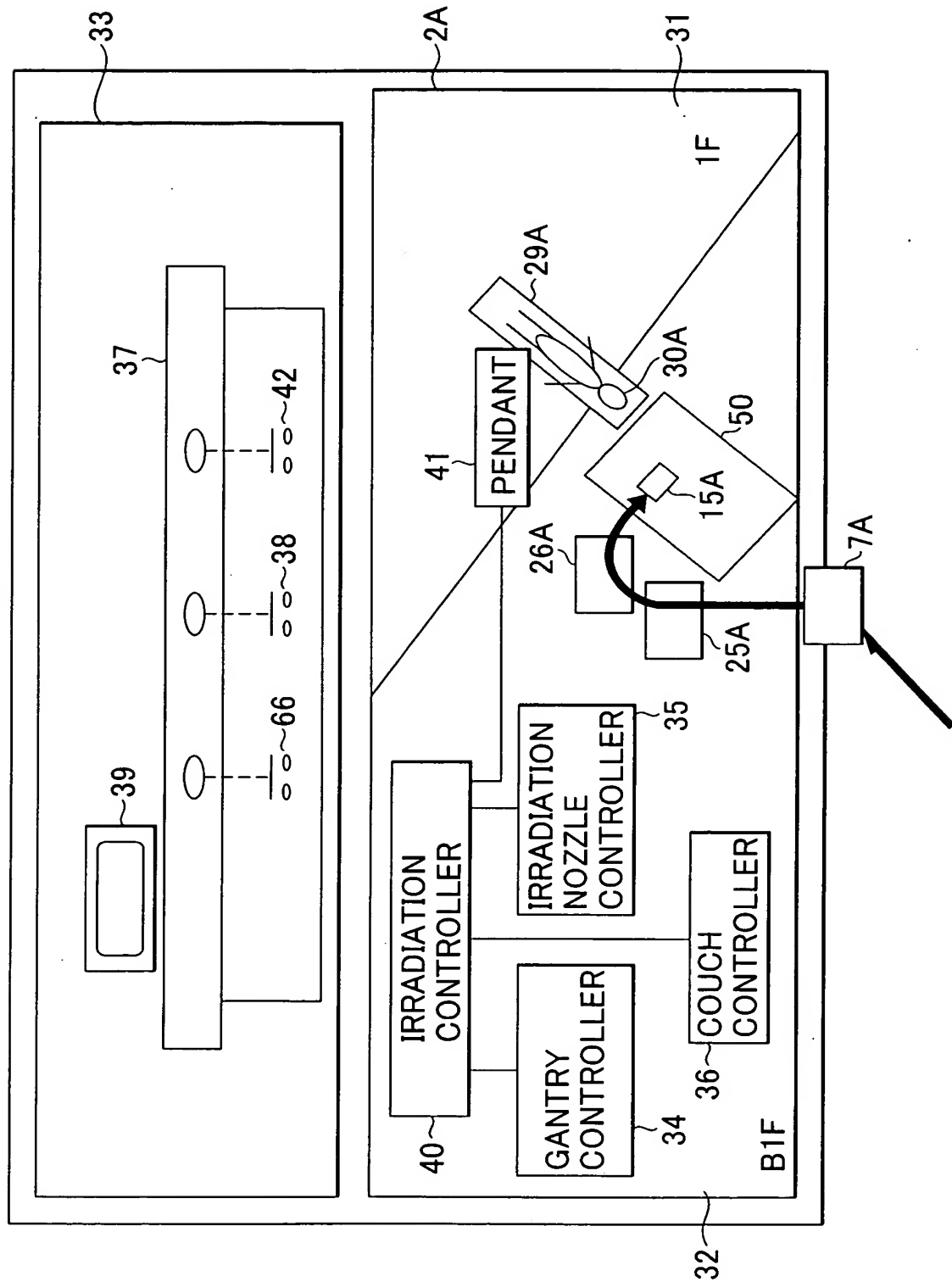


FIG.3

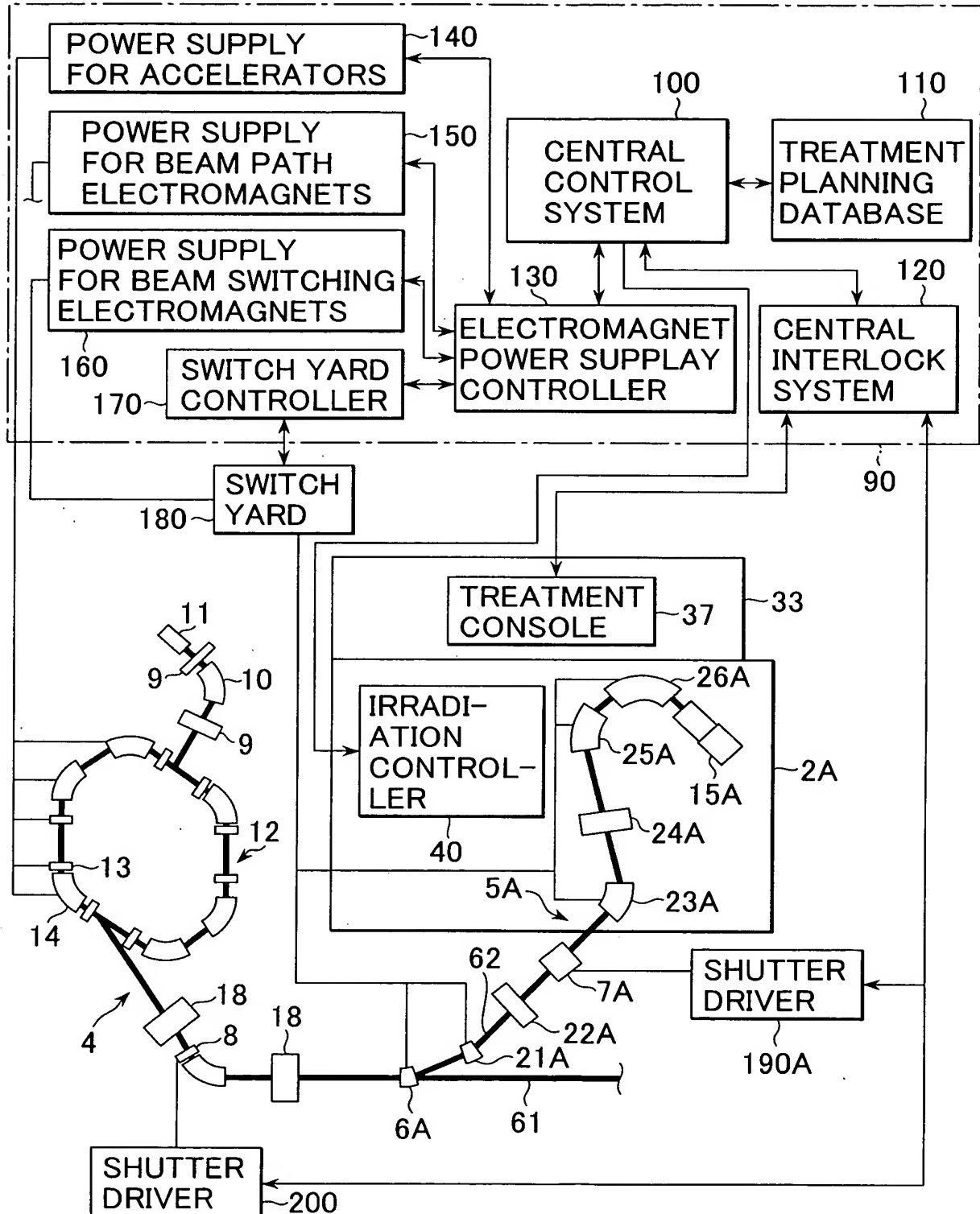


FIG.4

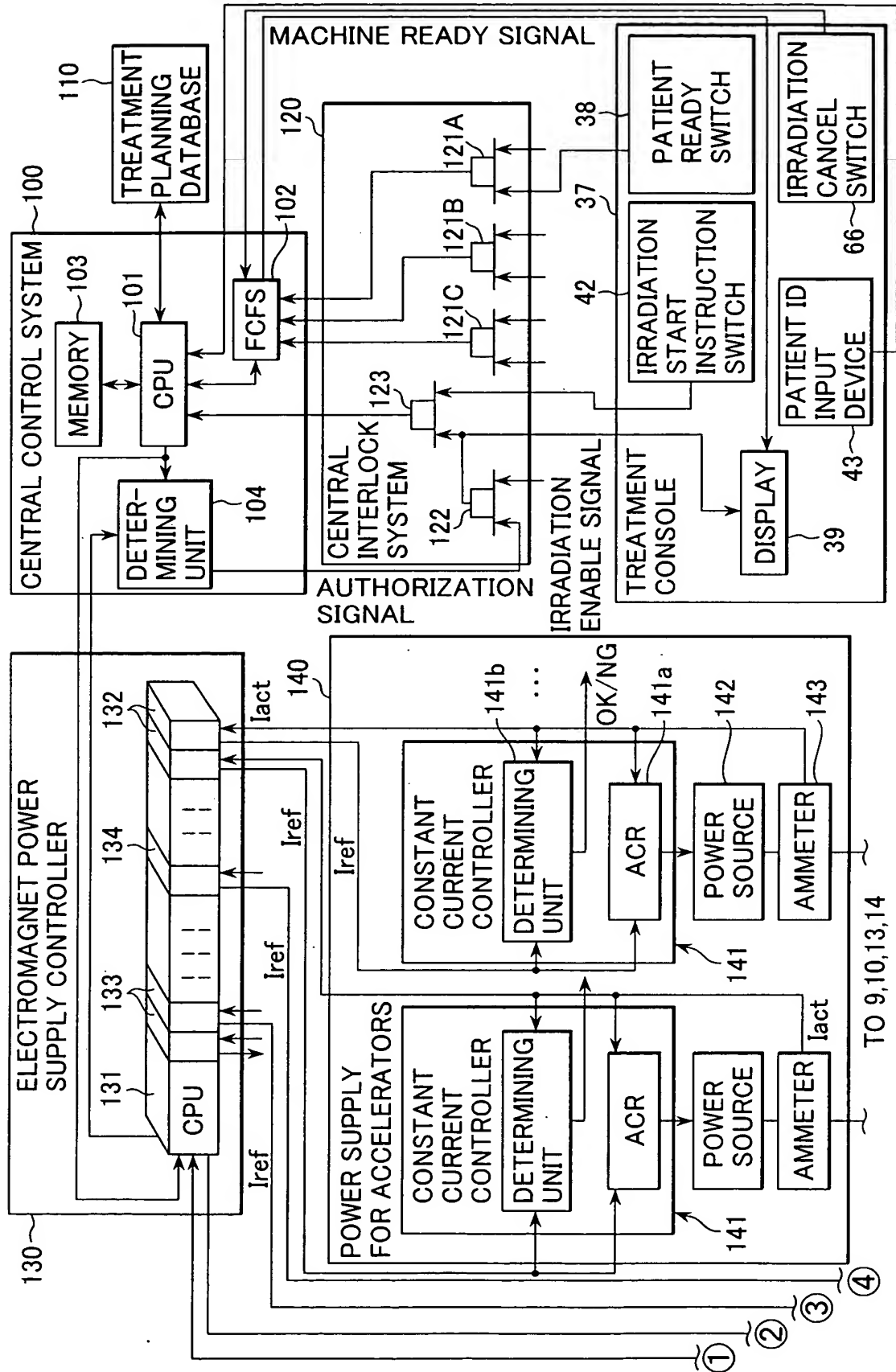


FIG. 5

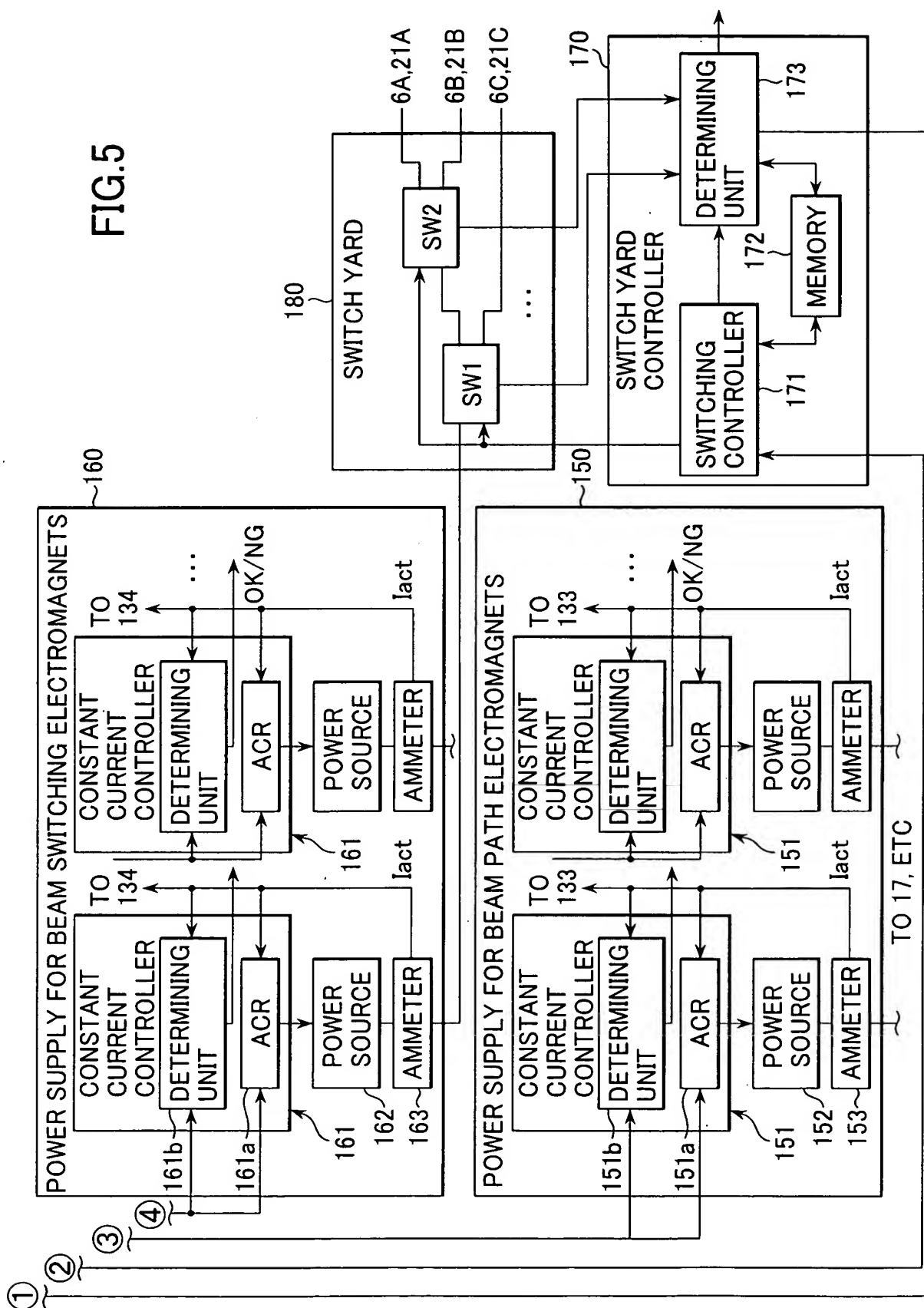


FIG.6

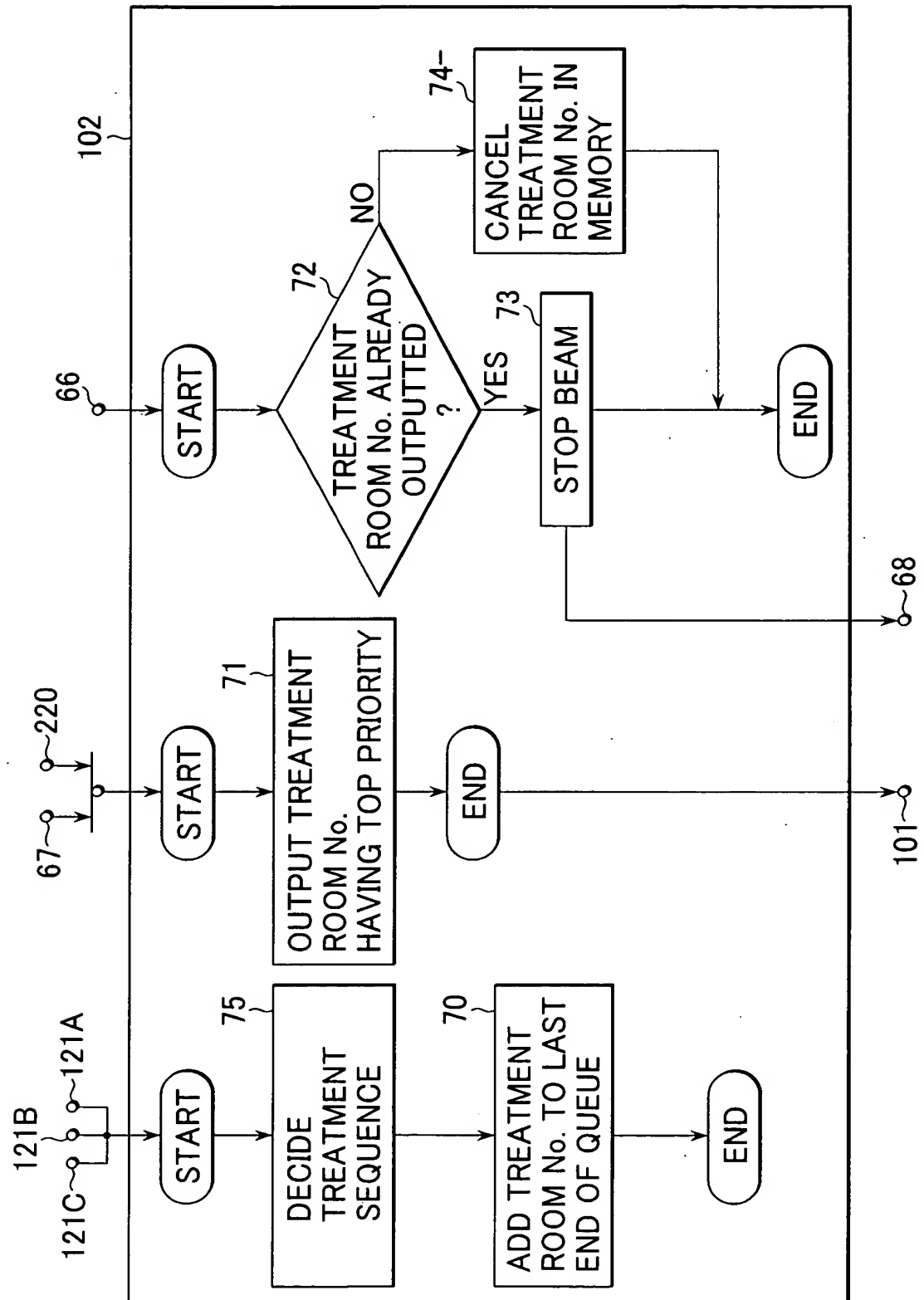


FIG.7

PATIENT DATA

PATIENT ID No.	DOSE	(TREATMENT ROOM No.)	ENERGY
650098	...	(No.1)	70Mev

.....

.....

FIG.8

GB : BENDING ELECTROMAGNET

GQ : QUADRUPOLE ELECTROMAGNET

ENERGY (MeV)	COMMON					
	BEFORE ACCELERATION		SYNCHROTRON			AFTER ACCELERATION
	GB10	GQ9	GB14	GQ13	GQ13	GB17 GQ18
70	Pattern 70		
80			Pattern 80		
90			Pattern 90		
⋮			⋮			⋮ ⋮
⋮			⋮			⋮ ⋮
⋮			⋮			⋮ ⋮

ENERGY (MeV)	No.1 TREATMENT ROOM 2A		No.1 to No.2	No.2 TREATMENT ROOM 2B		No.2 to No.3	No.3 TREATMENT ROOM 2C	
	GQ22A	GQ24A	GQ19	GQ22B	GQ24B	GQ20	GQ22C	GQ24C
70
80
90
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

ENERGY (MeV)	No.3 to No.4	No.4 TREAT- MENT ROOM 3	SWITCHING POWER SOURCE 162-1	SWITCHING POWER SOURCE 162-2	SWITCHING POWER SOURCE 162-3	SWITCHING POWER SOURCE 162-4
	GQ27	GQ28				
70
80
90
⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.9

GB : BENDING ELECTROMAGNET

GQ : QUADRUPOLE ELECTROMAGNET

TREAT- MENT ROOM No.	COMMON						
	BEFORE ACCELERATION		SYNCHROTRON			AFTER ACCELERATION	
	GB10	GQ9	GB14	GQ13	GQ13	GB17	GQ18
1	ON						
2							
3							
4							

TREAT- MENT ROOM No.	No.1 TREATMENT ROOM 2A		No.1 to No.2	No.2 TREATMENT ROOM 2B		No.2 to No.3	No.3 TREATMENT ROOM 2C	
	GQ22A	GQ24A		GQ19	GQ22B		GQ24B	GQ20
1	ON		No Care					
2	No Care		ON	ON		No Care		
3	No Care		ON	No Care		ON	ON	
4	No Care		ON	No Care		ON	No Care	

TREAT- MENT ROOM No.	No.3 to No.4	No.4 TREAT- MENT ROOM 3	SWITCHING POWER SOURCE 162-1	SWITCHING POWER SOURCE 162-2	SWITCHING POWER SOURCE 162-3	SWITCHING POWER SOURCE 162-4
	GQ27	GQ28				
1			ON			
2						
3	No Care					
4	ON	ON				

FIG.10

GB : BENDING ELECTROMAGNET
 GQ : QUADRUPOLE ELECTROMAGNET

PATIENT ID No.	DOSE ROOM No.	TREAT- MENT ROOM No.	ENERGY	COMMON										No.1 TREATMENT ROOM 2A
				BEFORE ACCELERATION		SYNCHROTRON				AFTER ACCELERATION				
				GB10	GQ9	GB14	GQ13	GQ13	GB17	GQ18	GQ22A	GQ24A		
650098	...	No.1	70Mev	Pattern 70				

		No.1 to No.2	No.2 TREATMENT ROOM 2B	No.2 to No.3	No.3 TREATMENT ROOM 2C	No.3 to No.4	No.4 TREATMENT ROOM 3
	GQ19	GQ22B	GQ24B	GQ20	GQ22C	GQ24C	GQ28
	No. Care	No Care	No Care	No Care	No Care	No Care	No Care

SWITCHING POWER SOURCE 162-1	SWITCHING POWER SOURCE 162-2	SWITCHING POWER SOURCE 162-3	SWITCHING POWER SOURCE 162-4
...

FIG.11

GB : BENDING ELECTROMAGNET

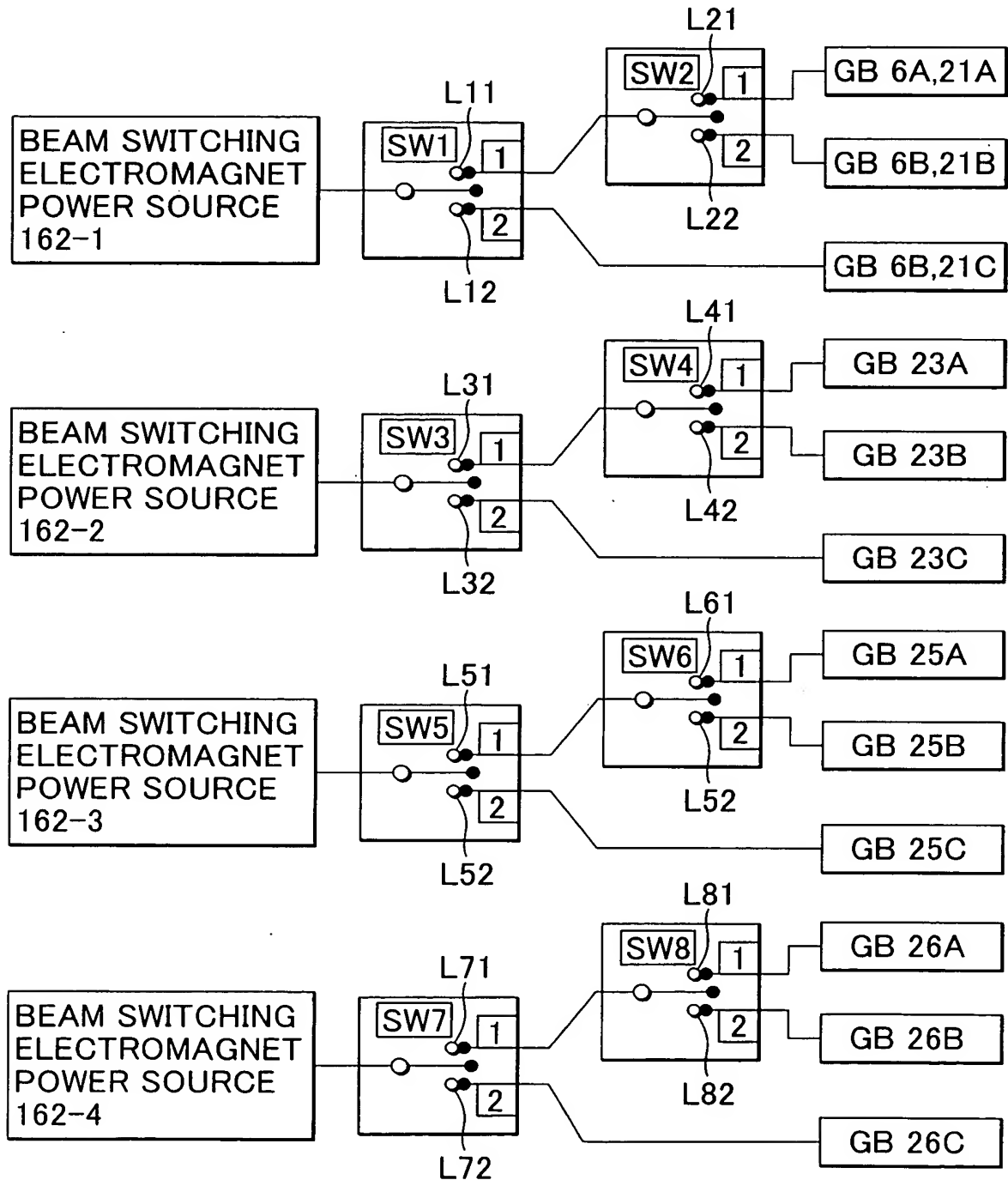


FIG. 12

[illegible]

FIG.13

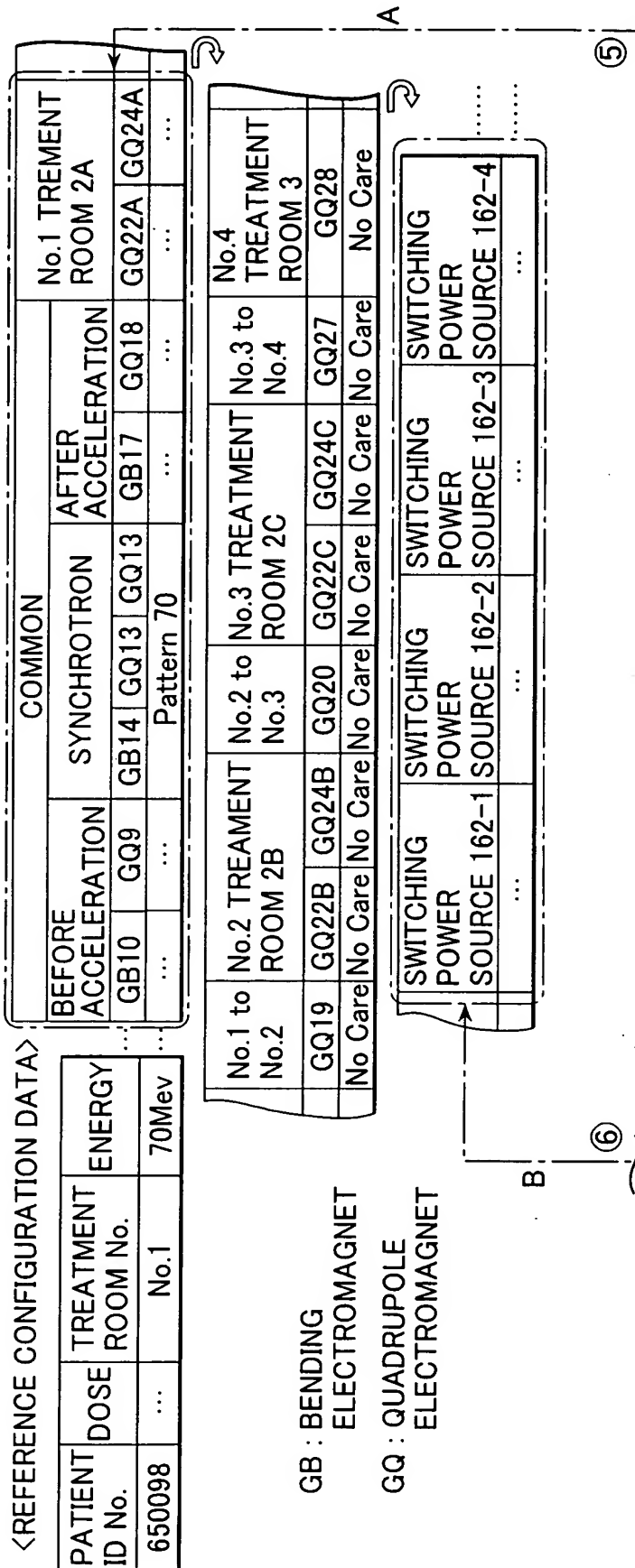


FIG. 14

The diagram illustrates the actual configuration data, organized into three main sections: COMMON, No.1 to No.4 treatment rooms, and switching power sources.

COMMON

BEFORE ACCELERATION		SYNCHROTRON		AFTER ACCELERATION		No.1 TREMENT ROOM 2A	
GB10	GQ9	GB14	GQ13	GQ13	GB17	GQ18	GQ22A GQ24A
...	...	Pattern 70	

No.1 to No.4

No.1 to No.2 TREATMENT ROOM 2B		No.2 to No.3		No.3 TREATMENT ROOM 2C		No.3 to No.4 TREATMENT ROOM 3	
GQ19	GQ22B	GQ24B	GQ20	GQ22C	GQ24C	GQ27	GQ28
a($\neq 0$)	b($\neq 0$)	c($\neq 0$)	d($\neq 0$)	e($\neq 0$)	f($\neq 0$)	g($\neq 0$)	h($\neq 0$)

SWITCHING POWER SOURCE 162-1

SWITCHING POWER SOURCE 162-1		SWITCHING POWER SOURCE 162-2		SWITCHING POWER SOURCE 162-3		SWITCHING POWER SOURCE 162-4	
...

GB : BENDING ELECTROMAGNET

GQ : QUADRUPOLE ELECTROMAGNET

FIG.15

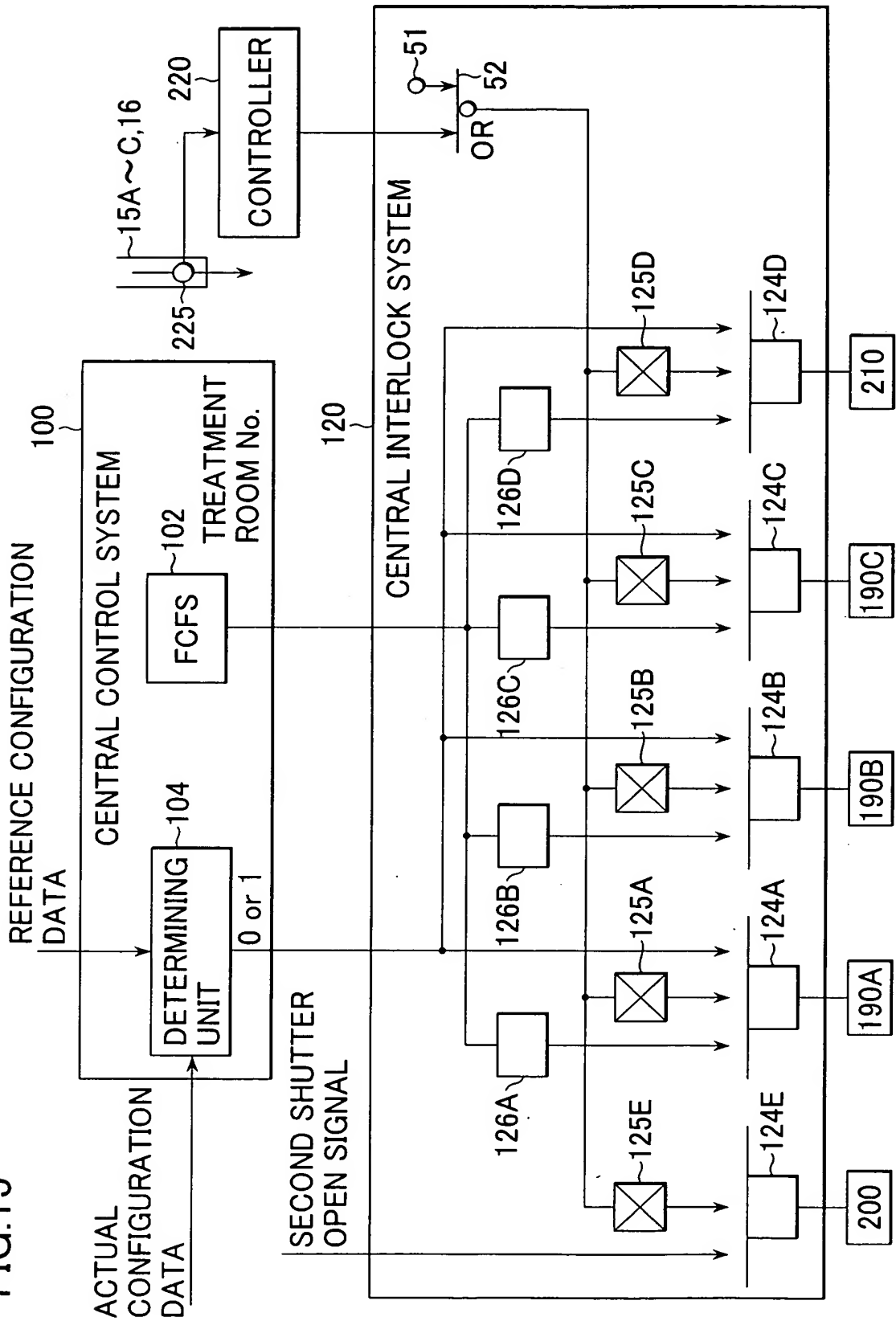


FIG.16

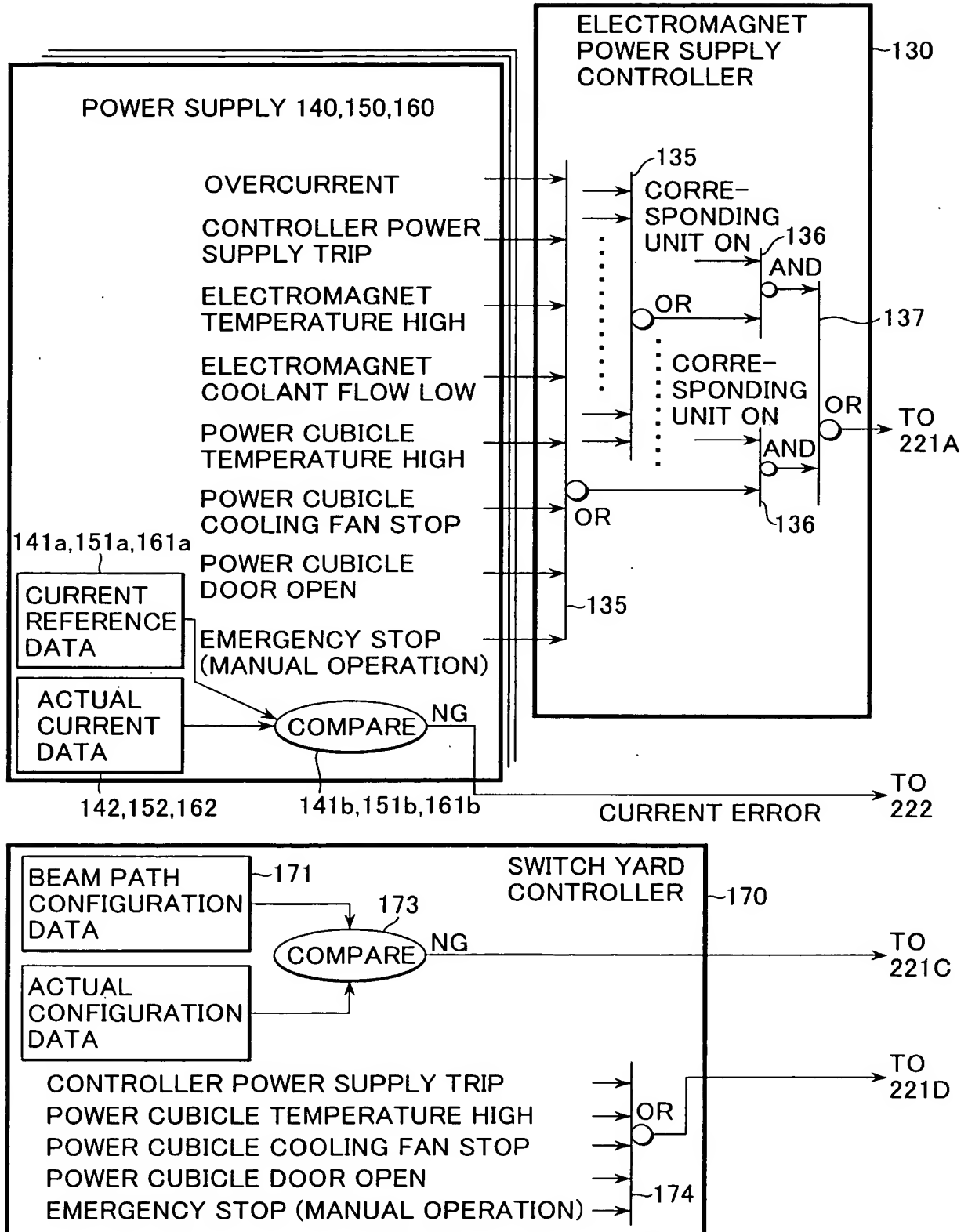


FIG.17

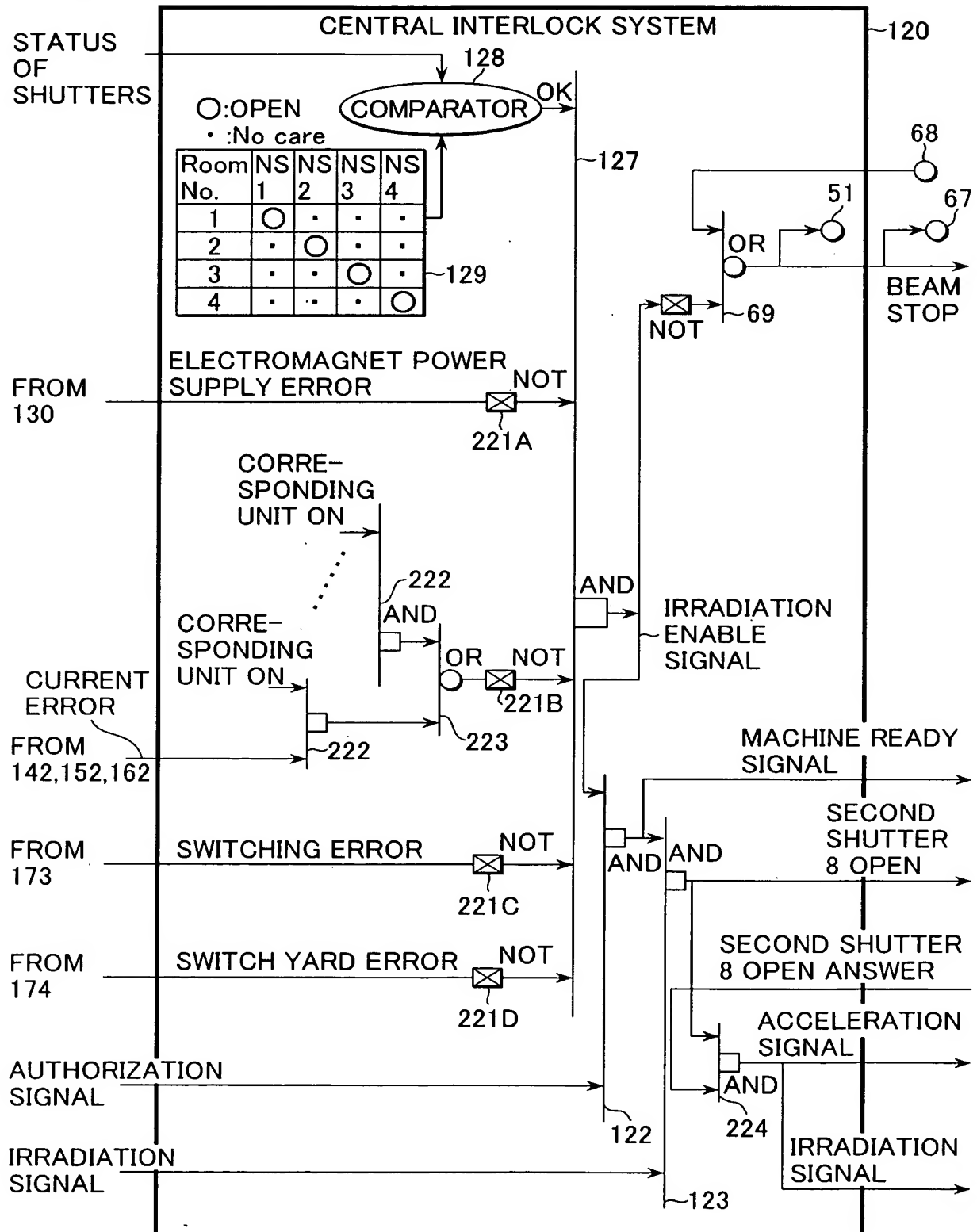


FIG. 18

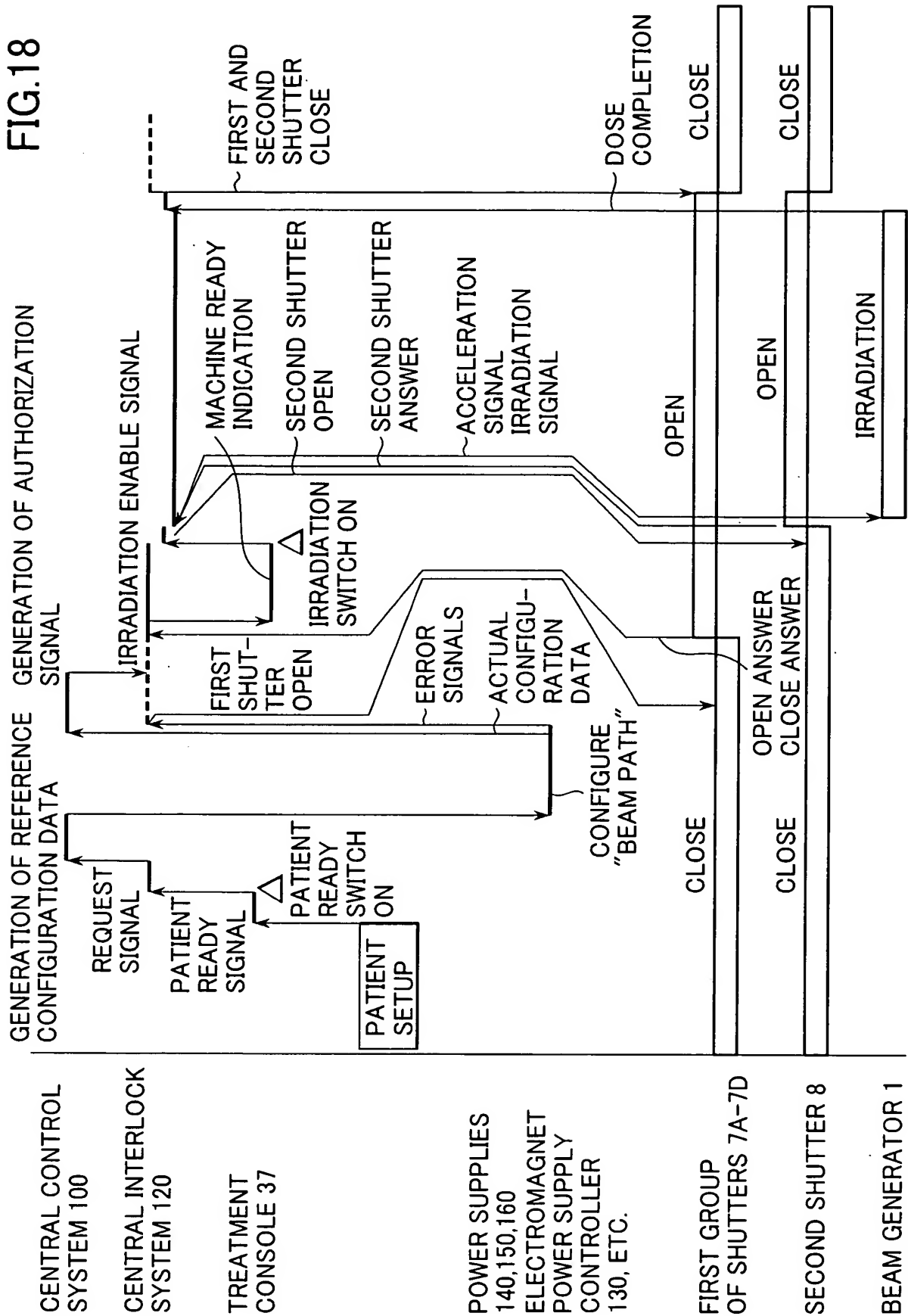


FIG.19

GB : BENDING ELECTROMAGNET

